

PATENT

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ABSTRACT OF THE DISCLOSURE

A method and apparatus for terminating an end of an optical cable is disclosed such that coaxial tubes of the cable and fibers therein are all prevented from moving relative to one another. For some embodiments, the coaxial tubes crimp together by a mechanical crimp that compresses the outer tube onto the inner tube without roller crimping. A fiber retention subassembly crimps to one of the coaxial tubes, and an adhesive fills the fiber retention subassembly, thereby fixing the fibers therein and isolating tension from the ends of the fibers that extend from the fiber retention subassembly. The ends of the fibers of the optical cable connect with fibers of another optical cable or device by a fusion splice. A splice cover holds and/or seals the spliced section and prevents relative movement between the optical cables or the optical cable and the device at the spliced section.